

CLAIMS

What is claimed is:

1. An electronic media cartridge for enabling a dedicated media service of a broadcast signal, said electronic media cartridge comprising:

- 5 a tuner that is constantly tuned to receive a single broadcast signal;
 a media storage device coupled to said tuner; and
 an adapter coupled to said media storage device and to said tuner, said adapter for interfacing said electronic media cartridge with an electronic media system.

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2. The electronic media cartridge recited in Claim 1 wherein a portion of said media recording device is dedicated to said single broadcast signal.

3. The electronic media cartridge recited in Claim 2 wherein another
15 portion of said media storage device is dedicated to input from a user regarding said dedicated media service.

4. An electronic media device for providing a dedicated media service of broadcast signals, said electronic media device comprising:

- 20 a first adapter for receiving a tuner constantly tuned to receive a single broadcast signal;

a second adapter for receiving a media storage device coupled to said tuner wherein said media storage device has a dedicated storage capacity for said single broadcast signal received by said tuner;

a first interface coupled to said first adapter for coupling said electronic
5 media device to a media system; and

a second interface coupled to said second adapter for coupling said electronic media device to said media system.

5. The electronic media device recited in Claim 4 further comprising:
10 a plurality of tuners coupled to said first adapter, wherein each of said plurality of tuners is constantly tuned to receive a respective one of a plurality of broadcast signals.

6. The electronic media device recited in Claim 5 further comprising:
15 a plurality of media storage devices coupled to said second adapter, wherein each of said plurality of media storage devices is respectively coupled to one of said plurality of tuners.

7. The electronic media device recited in Claim 5 further comprising an
20 Internet link coupled to said interface.

8. An electronic media system comprising:

an electronic media device having a dedicated tuner for a broadcast signal and a dedicated portion of a media storage device for said broadcast signal; and

- 5 a display device coupled to said electronic media device;
a processor coupled to said electronic media device; and
a computer readable memory coupled to said processor and containing program instructions stored therein that, when executed, implement a method for enabling an on-site media service at said electronic media system.

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9. The electronic media system recited in Claim 8 further comprising a user input device.

10. The electronic media system recited in Claim 8 wherein said
15 processor and said program instructions stored on said computer readable memory provide a resident-software platform for interfacing a content provider and a presentation engine.

11. The electronic media system recited in Claim 8 wherein said
20 processor and said program instructions stored on computer readable memory enable content provider control and enable user interaction of media content data and media content options of said on-site media service.

12. The electronic media system recited in Claim 8 wherein said
processor and said program instructions stored on computer readable memory
enable content provider control and enable user interaction of media services
5 and media service options of said on-site media service.

13. The electronic media system recited in Claim 8 wherein said
processor and said program instructions stored on computer readable memory
enable content provider control and enable user interaction of device functions
10 and device options of said electronic media device.

14. The electronic media system recited in Claim 8 wherein said
processor and said program instructions stored on computer readable memory
enable content provider to control software updates to said electronic media
15 device via data incorporated into said broadcast signal.

15. The electronic media system recited in Claim 8 wherein said method
comprises the steps of:

- a) receiving a media signal at an on-site electronic media device;
- 20 b) retaining a portion of said media signal accessible to said on-site media system;

c) filtering a content portion of said media signal and an on-site media service data portion of said media signal;

d) storing said content portion of said media signal and its respective on-site media service data portion of said media signal to said

5 dedicated portion of said media storage device;

e) managing said media storage device;

f) generating a media presentation on-site of user according to a user input and according to a subscription requirement; and

10 g) enabling interactive service between a viewer and a content provider.

16. A method of enabling an on-site media service, said method comprising the steps of:

15 a) formatting a media signal with content data and with on-site media service data; and

b) broadcasting said media signal to an on-site media system having a dedicated tuning device and a dedicated portion of a media recording device for said media signal.

20 17. The method recited in Claim 16 wherein said on-site media service data allows a content provider to remotely control said on-site media service on said on-site media system.

18. The method recited in Claim 16 wherein said on-site media service data has interactive options that are responsive to a viewer input on said on-site media system.

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19. The method recited in Claim 16 wherein said on-site media system has a resident-software platform for interfacing information between a content provider, a presentation engine, and a viewer.

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20. The method recited in Claim 16 wherein said media signal is formatted with metadata on a fine-grain basis for intervals shorter than a broadcast program time span.

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21. The method recited in Claim 16 wherein said on-site media service data enables said on-site media system to record a portion of said media signal on said dedicated portion of said media recording device according to subscription information.

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22. The method recited in Claim 16 wherein said on-site media system is enabled by a content provider to record said media signal on a continual basis at said on-site media system to provide up-to-date media.

23. The method recited in Claim 16 wherein said on-site media service data includes management information for said on-site media system.

5 24. The method recited in Claim 23 wherein said management information instructs said on-site media system how to manage said portion of said media signal recorded on said dedicated portion of said media recording device.

10 25. The method recited in Claim 16 wherein said on-site media service data includes presentation information.

15 26. The method recited in Claim 25 wherein said presentation information enables said on-site media system to arrange said portion of said media signal recorded onto said dedicated portion of said media recording device into a presentation format.

20 27. The method recited in Claim 16 wherein said on-site media service data includes information for retrieving data from an Internet site.

 28. The method recited in Claim 16 wherein said on-site media service data provides software updates.

29. The method recited in Claim 16 wherein said on-site media service data includes function information that enhances functionality of said on-site media system.

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30. The electronic media device recited in Claim 5 further comprising:
a single media storage device coupled to said second adapter, said single media storage device having a plurality of partitions, wherein each of said plurality of partitions in said single media storage device is respectively
10 coupled to one of said plurality of tuners.

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